

Taxonomic Notes on Two South American Psyllids (Homoptera)

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As a result of study of several species of South American Psyllidae, mostly received from Senor Carlos A. Lizer y Trelles of Argentina, I am able to dissolve to some extent the confusion which has surrounded the nomenclatorial and taxonomic status of two of the species.

Genus *Gyropsylla* Brethes

- 1921 *Gyropsylla* Brethes, Revista de la Facultad Agronomia Universidad Nacional de la Plata, Argentina 14: 87.
1925 *Metaphalara* Crawford, Broteria Ser. Zool. 22: 60.

Several specimens from the Territory of Misiones, Argentina determined as *Metaphalara spegazziniana* by Lizer, furnish confirmation of the close relationship of this species with *Psylla ilicis* Ashmead of North America as indicated by Lizer and Crawford. The latter erred however in erecting the genus *Metaphalara* for these two species and the related *cannela*. *Gyropsylla* is the valid name of the genus. The synonymy of the type species, *Gyropsylla spegazziniana* (Lizer), is as follows:

- 1919 *Paurocephala spegazziniana* Lizer, Marcellia, 16: 103.
1921 *Gyropsylla ilicicola* Brethes, Revista de la Facultad Agronomia Universidad Nacional de la Plata, Argentina, 14: 88.
1925 *Metaphalara spegazziniana* Crawford, Broteria Ser. Zool., 22: 72.

Genus *Holotrioza* Brethes

- 1920 *Holotrioza* Brethes, Aspiraciones, 2: 132.

The psyllid described by Scott in 1882 (Trans. Ent. Soc. London, 1882: 443) as *Psylla duvauc* was properly assigned to a genus other than *Psylla* by Brethes. In 1920 he erected a new genus, *Holotrioza*, for this species. This was done in a discus-

sion of galls formed on the host plant, *Schinus polygamus* (Cav.) Cabr. His choice of a name was unfortunate however, as the insect belongs to the subfamily Pauropsyllinae rather than to the Triozinae. As the genera of this subfamily are at present quite incompletely known and mostly poorly defined the exact relationship of this form within the subfamily is doubtful but it appears to be most closely related to *Pauropsylla*.

Several specimens collected at Buenos Aires by Lizer have been examined.

Current Entomological Literature

COMPILED BY R. G. SCHMIEDER.

Under the above head it is intended to note papers received at the Academy of Natural Sciences of Philadelphia and the University of Pennsylvania, pertaining to the Entomology of the Americas (North and South), including Arachnida and Myriopoda. Articles irrelevant to American entomology will not be noted; but contributions to anatomy, physiology and embryology of insects, however, whether relating to American or exotic species will be recorded.

This list gives references of the year 1950 unless otherwise noted. Continued papers, with few exceptions, are recorded only at their first installment.

For other records of general literature and for economic literature, see the Bibliography of Agriculture, Washington, and the Review of Applied Entomology, Series A, London. For records of papers on medical entomology see Review of Applied Entomology, Series B.

NOTE: The figures within brackets [] refer to the journal in which the paper appeared, as numbered in the List of periodicals and serials published in our January and June issues. The number of the volume, and in some cases, the part, heft, &c. is followed by a colon (:). References to papers containing new forms or names not so stated in titles are followed by (*); if containing keys are followed by (k); papers pertaining exclusively to Neotropical species, and not so indicated in the title, have the symbol (S).

Papers published in ENTOMOLOGICAL NEWS are not listed.

GENERAL—Bishopp, F. C.—Percy N. Annand, 1898–1950 (Obit.). [52] 10: 93. Leland Ossian Howard, 1857–1950 (Obit.). *Ibid.* 94. Brues, C. T.—The Salagubong gong, a Filipino insect toy. [73] 57: 26–28. Chiang, H. C. and A. C. Hodson—An analytical study of population growth in *Drosophila melanogaster*. [25] 20: 173–206. (See also under Anatomy.) Freeborn, S. B., H. F. Gray, R. T. Legge and R. L. Usinger—In memoriam William Brodbeck Herms, 1876–1949. [52] 10: 92–93 (portrait, in color). Goux, L.—Hivernation et diapause hivernale chez les coccides de la fauna française (Hom. Coccoidea), et remarques sur le déterminisme de la diapause. [Bull. Mus. d'Hist. Nat. Marseille] 3: 126–45, 1943. Heikertinger, F.—Über Fütterungsversuche mit Tagfaltern und Vögeln in